## If You Talk Across Country, You Talk Partly by Radio

By PAUL F. GODLEY America's Foremost Radio Anthority should help hold down the rapidly from New York.

as the demands phone and Telegraph Co. bas been using "radio"

their destination some hundreds of marvelous device used so much in bent head, and tapping the other miles away by a pair of copper wires radio work-is called in to act as walls. He was just too tall to stand letting himself gently down into the which may be carrying one, and the minature generator of radio upright in the shed, perhaps two, conversations. As many waves. It is also used as a detector, "There's only one reason why it round it until the shed came in sight thrown upon the wires without in- tant place. At intervals of 400 to save us the trouble of looking any- seemed to be underneath the shed

Checking Auto Racer by Radio

heard so much. Its continued use to telephone only as far as Denver

overloaded existing channels, the transcontinental telephony possible. operating companies have had to The voice of the man on the Atlantic erect new lines of poles and string coast now reaches his friend in San

Given "wired wireless," as ap- across the street. plied to land line telephony, it is only necessary to provide at each end a miniature generator of radio waves and a receiver suitable for 'translating" those radio waves into

waves with great Strange as it may seem, the qual- Antony tapped the success for long- ity and clarity of the voice as it back of the shed. distance telephone carried across the continent in this . "This is where the passage ought real thing. This was life. way, is far superior to that one car- to begin." The waves, generated by a minia- ried by the old-type system. The "It needn't begin here at all, need whole point is that I know Mark. negating plant, are guided to three-element vacuum tube - that it?" said Bill, walking round with Now, Mark-" "radio" messages may be of the waves coming from the dis- should, and that is that it would The footsteps which he had heard

past, when increased business had tube to telephone line work makes not my business." upon them thousands of miles of Francisco with the same distinctiveness as though they were talking it?"

APERIODIC-Untuned. A circuit hind you, but go on talking." ircuits will be able to take care of having no definite time period; one

listening, with his head on one side, saying. holding up a finger to bid Bill listen. He walked quickly but very silent-

"What is it?" whispered Bill, went down on his knees, and listened width of it to the second corner. He floor. He got up and dusted himself smiled appreciatively to himself. Bill quickly, walked across to Bill and was a great conspirator-worth

When I begin to talk, back me up." and did the last few yards on hands Bill nodded. Antony gave him an and knees . Then, lying at full bowls, whistling loudly to himself. The shed was two or three yards He took the bowls out, dropped one to his left, on the opposite side of with a loud bang on the floor, said, the ditch. From where he lay he "Oh, Lord!" and went on:

o play boyls, after all." "Well, why did you say you did?" mower, the roller, the open croquet-Antony flashed a smile of appre-

"Well, I wanted to when I said I The lid of the other croquet-box

go over there and bring these things "You see what I mean," he was saytony dropped the bowls and took out came Cayley's black head,

match, he whispered. "There'll be over to the seat and sat down.

"It's a rum business," vas an accident?"

"Yes. You see, I know Mark."

in a fit of anger, and that Cayley knew, or anyhow guessed, this, and had tried to give his cousin a chance

of getting away. "Mind you, I think he's right. I think it's what any of us would do. I shan't give it away, of course, but somehow there are one or two little things which make me think that Mark really did shoot his brother-I mean other than accidentally."

"Murdered him?" "Well, manslaughtered him, anyclimbing telephone rates. In the The application of the vacuum way. I may be wrong. Anyway, it's

> "But why do you think so? Because of the keys?" "Oh, the keys are a wash-out, Still,

now passed the paper over to Bill. In the clear moonlight the carefully printed letters could easily be read: "Go on talking as if I were here. After a minute or two, turn round

as if I were sitting on the grass be-"I know you don't agree with me," the growth in volume of traffic for having no tuning condenser or tun- Antony went on as Bill read, "but you'll see that I'm right."

Bill looked up and nodded eagerly. He had forgotten golf and Betty and all the other things which had made up his world lately. This was the "Well," he began deliberately, "the

But Anthony was off the seat and ditch. His intention was to crawl probably there was a trap-door of Antony began to feel in his pockets some kind in the floor. Whoever it This method was the first commer- Prior to the invention of the for his pipe and tobacco, and then was would have heard their voices. Il practicable application of the vacuum tube, which is primarily a suddenly stopped and stiffened to at and would probably think it worth

> ly along the half-length of the bowling-green to the first corner. Antony waved him to silence, and passed cautiously round and then remained listening. Very quietly he went even more carefully along the again. Then he put his ear to the could hear Bill hard at it, and he hundred Watsons. As he approached "Footsteps. Somebody coming. the second corner he slowed down,

could see almost entirely inside it. "I say, Bill, I don't think I want Everything seemed to be as they left it. The bowls-box, the lawn-

> "By Jove!" said Antony to himself, "that's neat."

"Then what do you want to do?" Bill was turning round now; his "There's a seat on the lawn. Let's voice became more difficult to hear.

ing. "If Cayley-" And out of the second croquet-box (Continued in Our Next Issue)

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But not a bit more than an attack "What a heavenly night!" said An- ance than the good health of the individeul. After years of laboratory experience and practical demonstra-"I wonder where that poor devil tions we have found that LANDON'S PRESCRIPTION 1903 Instantly relieves and permanently benefits most "You agree with Cayley-that It cases of rheumatism. Landon Drug Company, South Bend. -Adv. 220-tf

For reliable dentistry consult Drs. and a piece of paper and began to Carson & Oren, 125 W. Washington write on his knee, but while he av. P. Main 549. -Adv 208 tf.

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CHAPTER IX

then nodded slowly again.

What's the matter?" said Bill the shed where the bowls were kept. There were two boxes of croquet Antony looked round at him with things one of them with the lid open.

raised evebrows.

to receive messages from a motor car racer who was trying to break

the endurance test by traveling 12 consecutive hours. A similar set was

The RED HOUSE

BEGIN HERE TODAY

wealthy bacheior brother,

discovered the body.

GO ON WITH THE STORY.

Mark to escapa, Is that right?"

Bill nedded.

Who had shot and killed the Pou've thought of something ROBERT ABLETT, within two min-Antony laughed. "My dear Watson," he said, "you aren't supposed to be as clever as

ABLETT? Robert's body tais. Well, I was wondering about the floor of the locked this ghost of yours, Bill. This is office, Mark had disappeared and where she appeared, isn't it?" in the eyes of Police Inspector Birch, it was clear that Mark, who had viewed Robert's return "How?" How do ghosts appear? I

from Australia with annoyance, don't know. They just appear." "But how dld Miss Norris appear suddenly-over five hundred yards of The shot was heard Bill looked at Antony with open

"I-I don't know," ne stammered. "We never thought of that. BILL BEVERLEY, one of Mark's "You would have seen her long guests, entered the hall where he before, wouldn't you if she had

come the way we came?" MATT CAYLEY, Mark's constant "Of course we should" companion, pounding on the "And that would have spoilt it looked door and demanding ad- rather. You would have had time mittance. The two men entered to recognize her walk She couldn't the office through a window and have been biding in the ditch?" "No, she couldn't. Betty and Later, Antony vaguely suspects walked round a bit. We should have

Carley. Bill tells him that Mark seen her. was upset a few evenings ago when | "Then she must have been hiding one of the guests appeared as a in the shed. Or do you call it the shost on the bowling green. An-|summer-house?" tony and Bill discuss various the- "We had to go there for the bowls. of course. She couldn't have been

"No, that's rather hopeless, isn't "Oh!" "It's dashed funny," said Bill, it?" Bill thought again . "Well," he said reinstantly, "suppose Mark con- after an interval for thought, "But feesed that he'd murdered his it doesn't matter, does it? It has nothing to do with Robert."

"That's better, Bill. Don't be "Hasn't it?" afraid of getting away from the ac- "I say, has it?" said Bill, getting cidant idea. Well then, your new excited again. theory is this. Mark confesses to "I don't know. We don't know Carrier that he shot Robert on pur- what has, or what hasn't. But it has pose, and Cayley decides, even at got something to do with Miss Northe risk of committing perjury, and ris. And Miss Norris-" He broke

getting into trouble himself, to help off suddenly. Antony knocked out his pipe and "Well then, I want to ask you two got up slowly. questions. First, is it possible, as I "Well then, let's find the way from

said before dinner, that any man the house by which Miss Norris would commit such an idiotic mur- came." der-a murder that puts the rope so | Bill jumped up ergerly. "By Jove! Do you mean there's very tightly round his neck? Secondy, if Cayley is prepared to perjure, a secret passage?"

himself for Mark (as he has to, any- "A secluded passage, anyway. way, now) wouldn't it be simpler for There must be." him to say that he was in the office "I say, what fun! I love secret all the time, and that Robert's death passages. Good Lord, and this afternoon I was playing golf just Bill considered this carefully, and like an ordinary merchant! What a

life? Secret passages "Yes, my simple explanation is a They made their way down into wash-out," he said. "Now let's have the ditch. If an opening was to be found which led to the house, it Antony did not answer him. He would probably be on the house side had begun to think about something of the green, and on the outside of the ditch. The most obvious place at which to begin the search was

Four Interesting Letters

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Nostrand Ave., Brooklyn, N. Y.

and sewing too." - Mrs. Julius Hartman, 2501 W. Dodier Street, St. Louis. Mo.

liver act right